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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/028,256	12/21/2001	Thomas N. Turba	RA5447 (33012/335/101	2316
27516	7590	05/21/2004	EXAMINER	
UNISYS CORPORATION			ABEL JALIL, NEVEEN	
MS 4773				
PO BOX 64942			ART UNIT	
ST. PAUL, MN 55164-0942			PAPER NUMBER	
			2175	
			DATE MAILED: 05/21/2004	

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/028,256

Applicant(s)

TURBA ET AL.

Examiner

Neveen Abel-Jalil

Art Unit

2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.



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TECHNOLOGY CENTER 2100

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

1. Claim 13 is objected to because of the following informalities: In claim 13, line 2, the second period must be deleted. Appropriate correction is required.

Specification

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The following title is suggested:
Step to define input of a service to access native scrip in a legacy database management system using XML message.
3. The specification is objected to because on page 1, lines 5 and 6, the copending applications in the cross-reference section need to be updated to reflect the missing parts. U.S. Patent Application No.'s and filing dates are missing and need to be filled. Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Humpleman et al. (U.S. Patent No. 6,466,971 B1).

As to claim 1, Humpleman et al. discloses in a data processing system including a legacy data base management system having a command language coupled to a publically accessible digital data communication network (See abstract), the improvement comprising:

a. a user terminal coupled to said legacy data base management system via said publically accessible digital data communication network (See column 26, lines 8-14); and

b. an input definition facility which defines the input coming into an XML service and can load a sample XML document for said XML service to said legacy data base management system for honoring (See column 20, lines 11-67).

As to claims 2, 8, 13, and 19, Humpleman et al. discloses wherein said XML service further comprises a plurality of variables (See column 12, lines 34-57).

As to claims 3, 14, and 20, Humpleman et al. discloses wherein said XML service further comprises a plurality of tables (See column 20, lines 11-51).

As to claims 4, and 15, Humpleman et al. discloses wherein said XML service further comprises executable script (See column 14, lines 1-38, also see column 16, lines 36-67).

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As to claims 5, and 10, Humpleman et al. discloses wherein said publically accessible digital data communication network further comprises the Internet (See column 26, liens 8-14).

As to claim 6, Humpleman et al. discloses an apparatus comprising:

- a. a publically accessible digital data communication network (See column 26, liens 8-14);
- b. a data base management system having an internal format different from XML responsively coupled to said publically accessible digital data communication network request (See column 7, lines 1-36, and see column 16, lines 36-67);
- c. a facility which generates an input service (See column 29, lines 1-11, also see column 14, lines 41-67); and
- d. a converter which translates said input service into said internal format and presents said translated input service to said data base management system (See column 26, lines 8-48).

As to claims 7, and 18, Humpleman et al. discloses wherein said input service further comprises an XML input service (See column 13, lines 34-67).

As to claim 9, Humpleman et al. discloses wherein said facility further comprises a plurality of sample XML messages (See column 13, lines 42-67).

As to claim 11, Humpleman et al. discloses a method of supplying an input service to a legacy data base management system having an internal format comprising:

- a. retrieving a sample document from a repository of said legacy data base management system (See column 26, lines 8-14);
- b. editing said document into a desired input service request (See column 29, lines 1-11, also see column 14, lines 41-67);
- c. converting said desired input service into said internal format; and presenting said converted desired input service to said legacy data base management system for honoring (See column 7, lines 1-36, and see column 16, lines 36-67).

As to claim 12, Humpleman et al. discloses wherein said sample document further comprises an XML document (See column 10, lines 28-36).

As to claim 16, Humpleman et al. discloses an apparatus comprising:

- a. means for storing a sample input service (See column 9, lines 52-65);
- b. means responsively coupled to said storing means for retrieving said sample input service (See column 26, lines 8-48);
- c. means responsively coupled to said retrieving means for editing said sample input service into a desired input service (See column 25, lines 41-52);
- d. means for providing legacy data processing management services (See column 29, lines 1-11, also see column 14, lines 41-67); and
- e. means responsively coupled to said editing means and said providing means for transferring said desired input from said editing means to said providing means (See column 26, lines 40-67).

As to claim 17, Humpleman et al. discloses wherein said storing means further comprises a repository (See column 26, lines 40-67, and see column 25, lines 53-62).

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Gungabeesoon (U.S. Pub. No. 2002/0019884 A1) teaches accessing legacy applications from the Internet.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 703-305-8114. The examiner can normally be reached on 8:00AM-4:30PM.

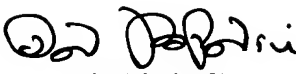
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Neveen Abel-Jalil
May 10, 2004


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